ROGER B. TANEY
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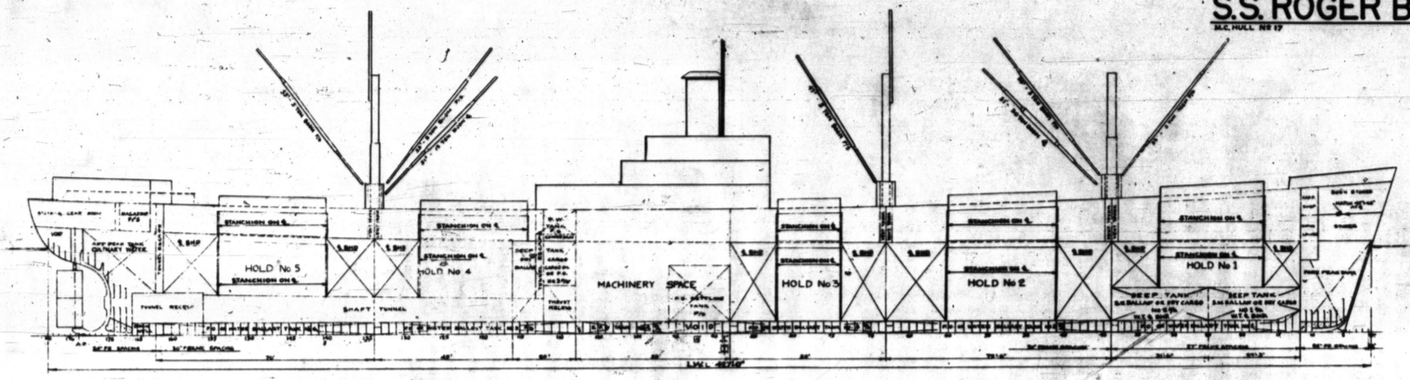
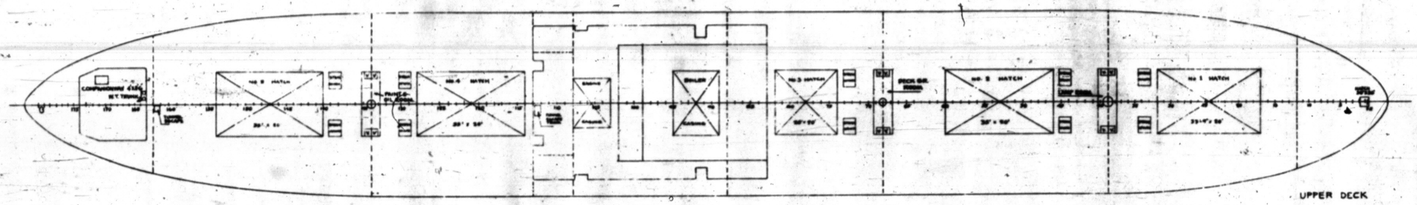
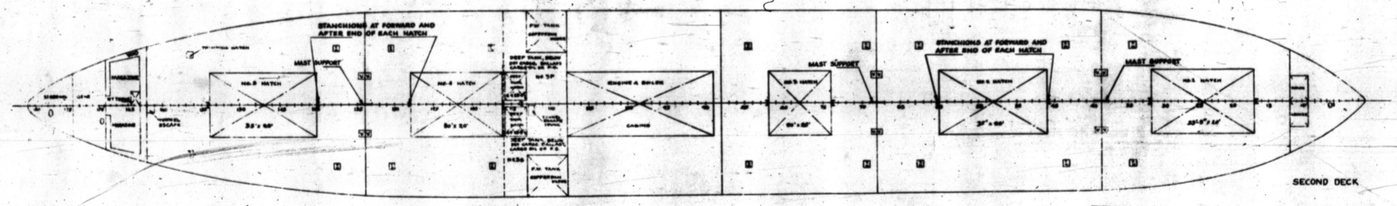
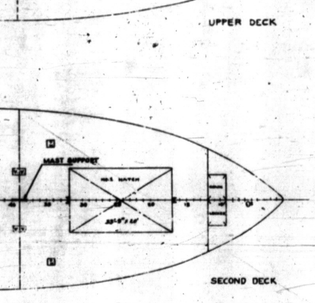
S.S. ROGER B. TANEY

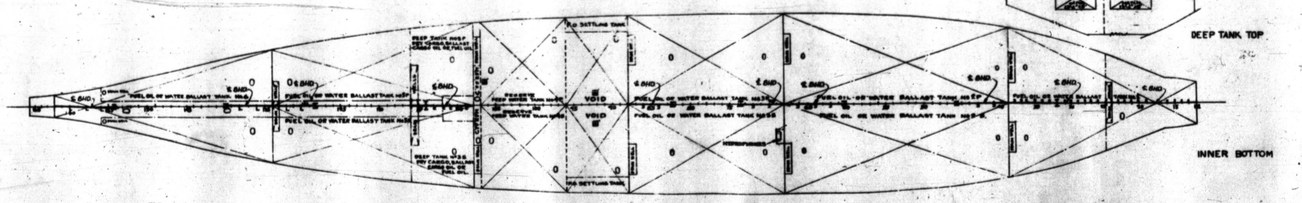
M.C. HULL NO 17 — S.R. HULL NO 2004

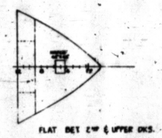












CARGO

COMPARTMENT		GRAIN CAP	BALE CAP
		C.F	C.F
HOLD NO. 1	HOLD	41257	36083
	'TWEEN DECKS	43972	37994
HOLD NO. 2	HOLD	98860	92008
	'TWEEN DECKS	46744	42630
HOLD NO. 3	HOLD	68459	59793
	'TWEEN DECKS	27970	23904
HOLD NO. 4	HOLD	58841	52574
	'TWEEN DECKS	35277	29689
HOLD NO. 5	HOLD	58620	51571
	'TWEEN DECKS	34570	30864
DEEP TANKS	NO. 1P.	3639	2729
	NO. 1S.	3639	3004
	NO. 2P.	7473	5294
	NO. 2S.	7473	5578
	NO. 3P.	13674	12506
	NO. 3S.	13188	12024
	TOTAL	563254	500,245

WATER BALLAST

TANK		CU. FT.	TONS @ 35CF
FORE PEAK		9073	145
WATER BALLAST	NO. 1	5029	144
" "	NO. 2 P.	5967	170
" "	NO. 2 S.	5967	170
" "	NO. 3 P.	4400	126
" "	NO. 3 S.	4365	125
" "	NO. 5 P.	4391	125
" "	NO. 5 S.	4391	125
" "	NO. 6	4118	118
AFTER PEAK		5436	155
DEEP TANKS	NO. 1 P.	3973	114
	NO. 1 S.	3973	114
	NO. 2 P.	7340	210
	NO. 2 S.	7340	210
	NO. 3 P.	13540	387
	NO. 3 S.	13065	373
	TOTAL	96770	2811

FRESH WATER

TANK		GAL'S	TONS@36CF
RESERVE FEED	NO. 4 P.	17853	66
" "	NO. 4 S.	17865	66
FRESH WATER	FR. 109-113 P.	7541	28
" "	FR. 109-113 S.	7541	28
	TOTAL	50720	188

FUEL OIL

TANK		GAL'S	TONS@37CF
FUEL OIL TANK	NO. 1	34863	132
" " "	NO. 2 P.	43742	157
" " "	NO. 2 S.	43742	157
" " "	NO. 3 P.	32251	116
" " "	NO. 3 S.	31985	115
" " "	NO. 5 P.	32185	116
" " "	NO. 5 S.	32185	116
" " "	NO. 6	30183	108
	TOTAL	285106	1017
F.O. SETTLING TANK	FR. 88-96 P.	14083	51
" " "	FR. 88-96 S.	14083	51
	TOTAL	28166	102
CARGO OIL OR FUEL OIL			
DEEP TANK	NO. 3 P.	99257	356
" "	NO. 3 S.	95772	344
	TOTAL	195029	700
	TOTAL (ALL F.O)	506301	1819

STORES

STORE ROOM	CU. FT.
BOSN STORES ON 2ND DECK F.R. 70 TO F.R. 112	3034
BOS'N. STORES ON FLAT DEC 2ND & DEEP PKS.	3492
CABIN STORES 2ND DK. (FRS. 88-108	4329
LINEN LOCKER	985
BONDED STORES	186
REFRIGERATED STORES:	
MEAT	801
FISH	173
VEGETABLES	768
DAIRY	176

PRINCIPAL DIMENSIONS

L.O.A.	441'6"
L.B.P (25'-3¾" W.L.)	416'0"
BREADTH, MLD.	56'-10⅜"
BREADTH, EXTREME	57'-0"
DEPTH TO UPPER DECK, MLD.	37'-4"
DEPTH TO SECOND DECK, MLD.	28'-7"
DRAFT	

CAPACITIES & TYPES OF WINCHES

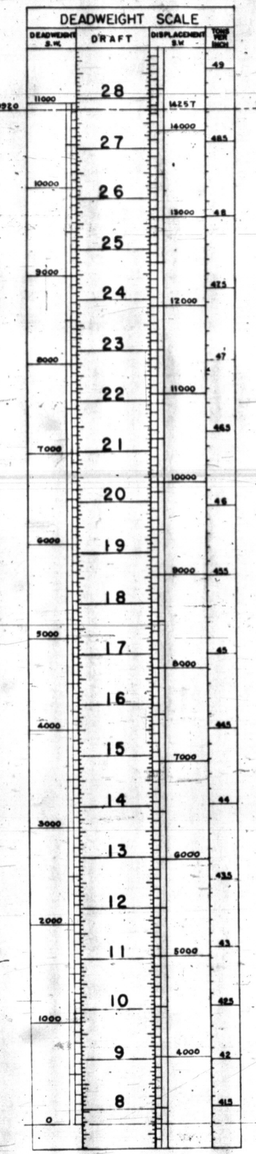
7½/E DBL. GEARED WINCHES FOR 5 15 & 30 TON BOOMS
9"x12 " " WINCH FOR 50 TON BOOM

HEIGHTS OF MASTS

FIXED MAST ABOVE DECK		FOREMAST	40'-9"
"	"	FR. 68	43'-1"
"	"	FR. 134	43'-1"
TELESCOPIC	"	FR. 68	62'-11"
"	"	FR. 134	62'-2"

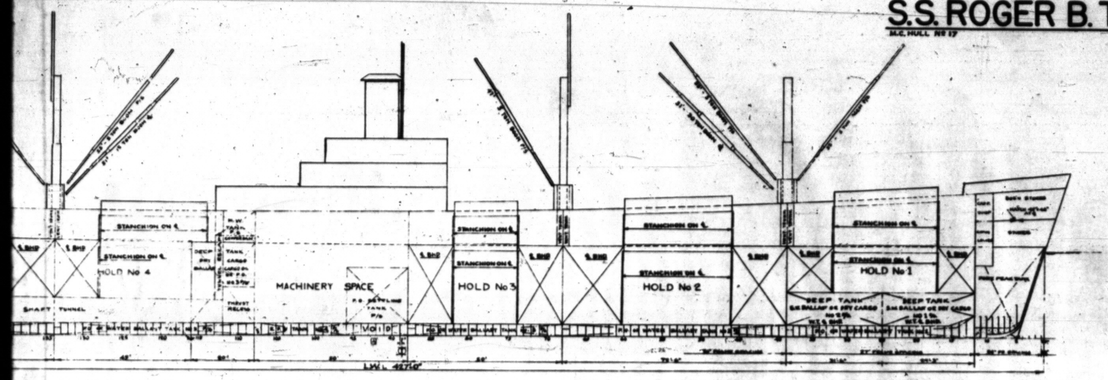
ENGINE
DIRECT ACTING CONDENSING THREE CYLINDER TRIPLE EXPANSION ENGINE DEVELOPING 2500 I.H.P. AT 76 R.P.M.

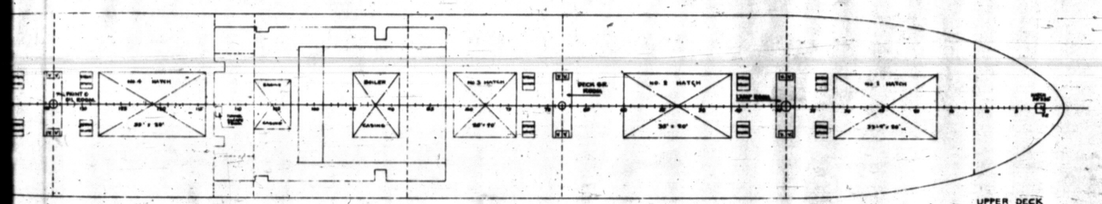
BOILERS
TWO MAIN BOILERS OF THE GROSS DRUM SECTIONAL SINUOUS HEADER STRAIGHT TUBE T-TYPE FITTED WITH SUPER HEATERS, BURNING BUNKER 'C' FUEL OIL

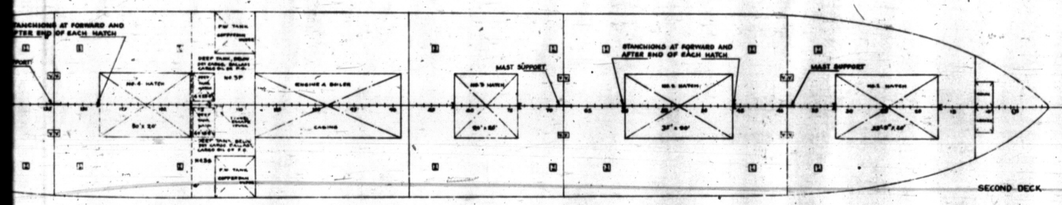


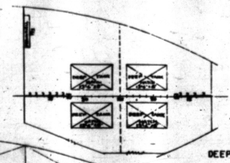
S.S. ROGER B. TANEY

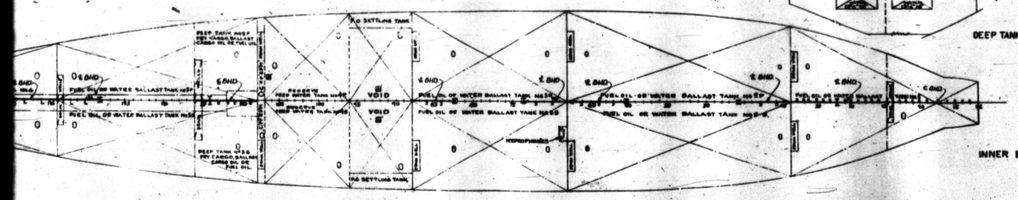
M.E. HULL NO 17 — S.K. HULL NO 2004

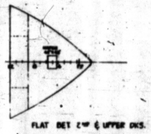












STORES

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BOS'N STORES ON FLAT DECK 2ND DECK F.P.	3492
CABIN STORES 2ND DK. FRS. 88-108	4329
LINEN LOCKER	585
BORDED STORES	186
REFRIGERATED STORES:	
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FISH	173
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DAIRY	176

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	HOLD	98860	92008
	'TWEEN DECKS	46744	42830
HOLD NO. 3			
	HOLD	68489	59793
	'TWEEN DECKS	27970	23904
HOLD NO. 4			
	HOLD	59841	52574
	'TWEEN DECKS	35277	29689
HOLD NO. 5			
	HOLD	58620	51571
	'TWEEN DECKS	34570	30894
DEEP TANKS	NO. 1P.	3639	2759
	NO. 1S.	3639	3004
	NO. 2P.	7473	5294
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	NO. 3S.	13188	12024
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" "	NO. 4 S.	17885	66
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" "	FR. 108-113 S.	7541	28
	TOTAL	50972	188

FUEL OIL

TANK		GAL'S	TONS @ 320
FUEL OIL TANK	NO. 1	36805	132
" " "	NO. 2 P.	43742	157
" " "	NO. 2 S.	43742	157
" " "	NO. 3 P.	32281	116
" " "	NO. 3 S.	31965	115
" " "	NO. 5 P.	32109	116
" " "	NO. 5 S.	32105	116
" " "	NO. 4	30183	108
	TOTAL	285106	1017
F.O. SETTLING TANK	FR. 88-96 P.	14065	51
" " "	FR. 88-96 S.	14083	51
	TOTAL	28166	102
CARGO OIL OR FUEL OIL			
DEEP TANK	NO. 3 P.	98257	356
" "	NO. 3 S.	97772	344
	TOTAL	195029	700
	TOTAL (ALL F.O.)	506301	1819

PRINCIPAL DIMENSIONS

L.O.A. ..... 441'-6"
L.B.P. (25'-3¾" W.L.) ..... 416'-0"
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" " " "		FR. 124	48'-2¾"
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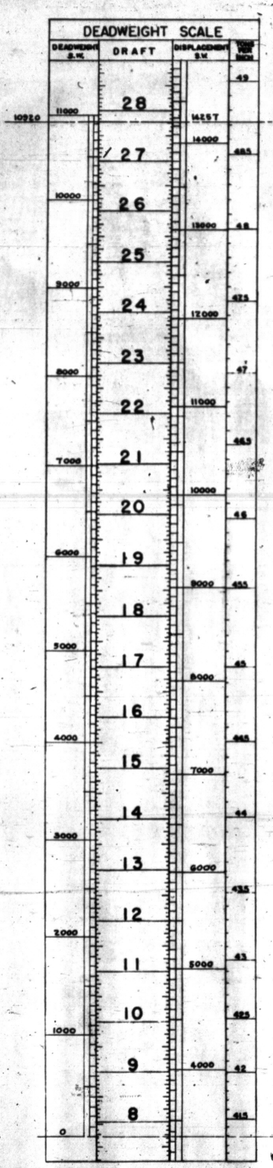

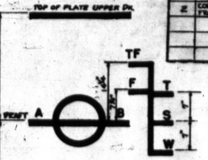

No.	ALTERATIONS	DATE	REMARKS
1	SIZE OF 2ND STOW WINCH REVISED TO AGREE WITH DRAWING PLAN	6/4/42	
2	CONNECTING SPACE 'AFT SIDE' OF 'DK. FROM STORES TO MAGAZINE	10-20-42	

NOTE.
THE LIGHT WEIGHT OF THE SHIP INCLUDES THE 4"GUN AFT, 6-20 CALIBER MACHINE GUNS, 4-50 CALIBER MACHINE GUNS AND AMMUNITION

DESIGN NO. EC2-S-C1

UNITED STATES MARITIME COMMISSION
EMERGENCY SHIP CONSTRUCTION DIVISION

CAPACITY PLAN

SCALE 1/16" = 1 FOOT — DATE FEB. 14 1942

DRAWN S.E. — APPROVED
TRACED — APPROVED
CHECKED — APPROVED

BETHLEHEM-FAIRFIELD SHIPYARD, INCORPORATED
FAIRFIELD — BALTIMORE, MD.

M.C.E. PLAN Nº 14-63 301-312 — S29-1-3

APPROVED AS NOTED IN
M.C.E. LETTER DATED 4-30-42
M.C.E. FILE NO. S29-1-(0)
BY
BY